

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-16. (Canceled)

17. (Currently Amended) A liquid complete nutritional composition suitable for feeding cachectic patients and having an energy density of at least 1.45 kcal/ml (at least 6.06 kJ/ml), comprising:

(a) a carbohydrate fraction in an amount of 17-27 g per 100 ml (0.68-1.08 kcal/ml) comprising 15-45 wt.% of trehalose;

(b) a protein fraction comprising an intact protein fraction in an amount of ~~8.2-11~~ 8.5-10 g per 100 ml (~~0.31-0.48~~ 0.34-0.40 kcal/ml); and

(c) a lipid fraction,

wherein at least 70 wt.% of the protein fraction is obtained ~~by demineralising from demineralized~~ demineralized milk, and wherein the intact protein ~~fraction~~ comprises between 25 and 37 wt.% of whey proteins ~~and at least 8.2 g of intact protein per 100 ml.~~

18. (Currently Amended) The liquid composition according to claim 17, in which the ~~demineralising~~ demineralizing is performed by ultrafiltration.

19-20. (Canceled)

21. (Previously Presented) The liquid composition according to claim 17, in which the protein fraction comprises at least 1.0 wt.% of cysteine residues.

22. (Currently Amended) The liquid composition according to claim 17 which further comprises 0.5-6 g ~~fi~~bre fiber per 100 ml.

23. (Previously Presented) The liquid composition according to claim 17, in which the protein fraction is in an amount of 8.5-12 g per 100 ml.

24. (Previously Presented) The liquid composition according to claim 23, in which the protein fraction is in an amount of 8.7-12 g per 100 ml.

25. (Previously Presented) The liquid composition according to claim 17, in which the protein fraction comprises at least 8.6 wt.% of lysine residues, at least 2.5 wt.% of methionine residues and at least 0.5 wt.% of cysteine residues.

26. (Currently Amended) The liquid composition according to claim 17, in which the intact protein is comprises casein.

27. (Currently Amended) The liquid composition according to claim 26, which comprises ~~60-90~~ 60-75 wt.% of casein.

28. (Canceled)

29. (Previously Presented) The liquid composition according to claim 17, in which the lipid fraction is in an amount of 5.0-7.0 g per 100 ml (0.45-0.63 kcal/ml).

30. (Previously Presented) The liquid composition according to claim 17 having a viscosity below 50 mPa.s at a shear rate of 100 s⁻¹ and a temperature of 20°C.

31. (Previously Presented) The liquid composition according to claim 17, in which the carbohydrate fraction comprises 18-23.5 g per 100 ml of digestible carbohydrates.

32. (Withdrawn) A liquid complete nutritional composition suitable for feeding cachectic patients and having an energy density of at least 1.45 kcal/ml (at least 6.06 kJ/ml), comprising:

(a) a carbohydrate fraction in an amount of 17-27 g per 100 ml (0.68-1.08 kcal/ml);

(b) an intact protein fraction in an amount of 8.2-11 g per 100 ml (0.31-0.48 kcal/ml); and

(c) a lipid fraction;

wherein at least 70 wt.% of the protein fraction is obtained by demineralising milk, and wherein the intact protein fraction comprises less than 5 wt.% of free amino acids and at least 8.2 g of intact protein per 100 ml.

33. (Withdrawn) The liquid composition according to claim 32, in which the protein fraction comprises at least 1.0 wt.% of cysteine residues.

34. (Withdrawn) The liquid composition according to claim 32 which further comprises 0.5-6 g fibre per 100 ml.

35. (Withdrawn) The liquid composition according to claim 32, in which the protein fraction is in an amount of 8.5-12 g per 100 ml.

36. (Withdrawn) The liquid composition according to claim 35, in which the protein fraction is in an amount of 8.7-12 g per 100 ml.

37. (Withdrawn) The liquid composition according to claim 32, in which the protein fraction comprises at least 8.6 wt.% of lysine residues, at least 2.5 wt.% of methionine residues and at least 0.5 wt.% of cysteine residues.

38. (Withdrawn) The liquid composition according to claim 32, in which the intact protein is casein.

39. (Withdrawn) The liquid composition according to claim 38, which comprises 60-90 wt.% casein.

40. (Withdrawn) The liquid composition according to claim 39, which comprises 65-78 wt.% casein.

41. (Withdrawn) The liquid composition according to claim 29, in which the lipid fraction is in an amount of 5.0-7.0 g per 100 ml (0.45-0.63 kcal/ml).

42. (Withdrawn) The liquid composition according to claim 29 having a viscosity below 50 mPa.s at a shear rate of 100 s⁻¹ and a temperature of 20°C.

43. (Withdrawn) The liquid composition according to claim 29, in which the carbohydrate fraction comprises 18-23.5 g per 100 ml of digestible carbohydrates.

44. (Withdrawn) A liquid complete nutritional composition suitable for feeding cachectic patients and having an energy density of at least 1.45 kcal/ml (at least 6.06 kJ/ml), comprising:

(a) a carbohydrate fraction in an amount of 17-27 g per 100 ml (0.68-1.0 kcal/ml) further comprising:

- (i) 0-35 wt.% of sucrose;
- (ii) 15-45 wt.% of non-reducing mono-, di- and/or trisaccharides;
- (iii) 5-50 wt.% of mono- and disaccharides; and
- (iv) 5-40 wt.% of trisaccharides and higher saccharides;
- (b) a protein fraction; and
- (c) a lipid fraction.

45. (Withdrawn) A packaged food product comprising a unit package of between 5 and 150 ml of a liquid food product having an energy density of at least 1.45 kcal/ml and comprising at least 7.6 g intact protein per 100 ml, carbohydrates, fats, and optionally, vitamins.

46. (Withdrawn) A packaged food product comprising a unit package of between 5 and 250 ml of a liquid complete nutritional composition suitable for feeding cachectic patients and having an energy density of at least 1.45 kcal/ml (at least 6.06 kJ/ml), comprising:

- (a) a carbohydrate fraction in an amount of 17-27 g per 100 ml (0.68-1.08 kcal/ml);
- (b) an intact protein fraction in an amount of 8.2-11 g per 100 ml (0.31-0.48 kcal/ml); and
- (c) a lipid fraction,

wherein at least 70 wt.% of the protein fraction is obtained by demineralising milk, and wherein the intact protein fraction comprises between 25 and 37 wt.% of whey proteins and at least 8.2 g of intact protein per 100 ml.

47. (Withdrawn) A packaged food product comprising a unit package of between 5 and 250 ml of a liquid complete nutritional composition suitable for feeding cachectic patients and having an energy density of at least 1.45 kcal/ml (at least 6.06 kJ/ml), comprising:

- (a) a carbohydrate fraction in an amount of 17-27 g per 100 ml (0.68-1.08 kcal/ml);
- (b) an intact protein fraction in an amount of 8.2-11 g per 100 ml (0.31-0.48 kcal/ml); and

(c) a lipid fraction,

wherein at least 70 wt.% of the protein fraction is obtained by demineralising milk, and wherein the intact protein fraction comprises less than 5 wt.% of free amino acids and at least 8.2 g of intact protein per 100 ml.

48. (Withdrawn) A process for preparing a liquid product, comprising

(a) dissolving in an aqueous solution a dry demineralised milk product to obtain a liquid protein suspension;

(b) adjusting the suspension to a viscosity value of below 50 mPa.s at 100 s⁻¹; and

(c) mixing a portion of the suspension of (b) with, in any order, carbohydrates, fats, and water.

49. (Currently Amended) A powder, which upon reconstitution with water, provides a liquid complete nutritional composition suitable for feeding cachectic patients and having an energy density of at least 1.45 kcal/ml (at least 6.06 kJ/ml), comprising:

(a) a carbohydrate fraction in an amount of 17-27 g per 100 ml (0.68-1.08 kcal/ml) comprising 15-45 wt.% of trehalose;

(b) a protein fraction comprising ~~an intact protein fraction~~ in an amount of 8.2-11 8.5-10 g per 100 ml (0.31-0.48 0.34-0.40 kcal/ml); and

(c) a lipid fraction,

wherein at least 70 wt.% of the protein fraction is obtained by ~~demineralising~~ demineralizing milk, ~~and wherein~~ the intact protein fraction comprises between 25 and 37 wt.% of whey proteins, ~~and at least 8.2 g of intact protein per 100 ml~~ the carbohydrate fraction comprises 15-45 wt.% of trehalose.